

What is claimed is:

1. A support for an image recording material comprising base paper having a formation index at a restriction diameter of 1.0 mm equal to or greater than 80.
2. A support for an image recording material as defined in claim 1, wherein a change of said formation index of said base paper before and after contact of a front surface of said base paper at a side on which an image recording layer of said imager recording material is formed with water at 20°C for 30 seconds is equal to or less than 10.
3. A support for an image recording material as defined in claim 1, wherein said base paper has density equal to or greater than 0.95 g/m³.
4. A support for an image recording material as defined in claim 3, wherein a change of said density of said base paper before and after contact of said front surface of said base paper with water at 20°C for 30 seconds is equal to or less than 0.05 g/m³.
5. A support for an image recording material as defined in claim 1, wherein said base paper is made with a paper machine equipped with a shake having a swing of 10 mm or greater.
6. A support for an image recording material as defined in claim 1, wherein said base paper is made with a paper machine equipped with a dandy roller having a wire in a range of from 40 to 100 mesh.
7. A support for an image recording material as defined in claim 1, wherein said base paper is made of paper pulp having a weight-average fiber length in a range of from 0.45 to 0.65 mm

with a paper machine equipped with a calender having a metal roller at a surface temperature of 140°C or higher.

8. A support for an image recording material as defined in claim 1, wherein said base paper is coated with at least one of a water repellent agent, a sizing agent, a water-proofing agent and a finishing agent at said front surface.

9. A support for an image recording material as defined in claim 1, wherein said base paper is impregnated with at least one of a water repellent agent, a sizing agent, a water-proofing agent and a finishing agent at said front surface.

10. A support for an image recording material as defined in claim 1, wherein said base paper is coated with an aqueous polymer contained layer at least one of opposite surfaces thereof.

11. A support for an image recording material as defined in claim 1, wherein said base paper is coated with a polyolefin resin layer at least one of opposite surfaces thereof.

12. A paper making process of making a support for an image recording material from paper pulp, said paper making process comprising the step of subjecting base paper having a formation index at a restriction diameter of 1.0 mm equal to or greater than 80 to processing selected from shaking with a shake having a swing of 10 mm or greater, dandy rolling with a dandy roller having a wire in a range of from 40 to 100 mesh and calendering with a calender having a metal roller at a surface temperature of 140°C or higher.

13. A paper making process of making a support as defined in claim 12, wherein said processing is performed using a Fourdrinier paper machine.

14. An image recording material comprising:

a support comprising base paper having a formation index at a restriction diameter of 1.0 mm equal to or greater than 80; and

an image forming layer formed on said support.

15. An image recording material as defined in claim 14, wherein a change of said formation index of said base paper before and after contact of a front surface of said base paper at a side on which an image recording layer of said imager recording material is formed with water at 20°C for 30 seconds is equal to or less than 10.

16. An image recording material as defined in claim 14, wherein said base paper has density equal to or greater than 0.95 g/m³.

17. An image recording material as defined in claim 16, wherein a change of said density of said base paper before and after contact of said front surface of said base paper with water at 20°C for 30 seconds is equal to or less than 0.05 g/m³.

18. An image recording material as defined in claim 14, wherein said base paper is made with a paper machine equipped with a shake having a swing of 10 mm or greater.

19. An image recording material as defined in claim 14, wherein said base paper is made with a paper machine equipped with a dandy roller having a wire in a range of from 40 to 100

mesh.

20. An image recording material as defined in claim 14, wherein said base paper is made of paper pulp having a weight-average fiber length in a range of from 0.45 to 0.65 nm with a paper machine equipped with a calender having a metal roller at a surface temperature of 140°C or higher.

21. An image recording material as defined in claim 14, wherein said base paper is coated with at least one of a water repellent agent, a sizing agent, a water-proofing agent and a finishing agent at said front surface.

22. An image recording material as defined in claim 14, wherein said base paper is impregnated with at least one of a water repellent agent, a sizing agent, a water-proofing agent and a finishing agent at said front surface.

23. An image recording material as defined in claim 14, wherein said base paper is coated with an aqueous polymer contained layer at least one of opposite surfaces thereof.

24. An image recording material as defined in claim 14, wherein said base paper is coated with a polyolefin resin layer at least one of opposite surfaces thereof.

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